# BTEC Assignment Brief

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| **Qualification** | Pearson BTEC International Level 3 Foundation Diploma in Horticulture<br>Pearson BTEC International Level 3 Diploma in Horticulture<br>Pearson BTEC International Level 3 Extended Diploma in Horticulture |
| **Unit number and title** | Unit 33: Pests and Disease in Plants |
| **Learning aim(s)** | **B:** Explore strategies for managing plant health |
| **Assignment title** | **Strategies for managing plant health** |
| **Assessor** | |
| **Issue date** | |
| **Hand in deadline** | |

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| **Vocational Scenario or Context** | You are working as an assistant manager at a nursery that produces a variety of different plants. You have been asked to produce a checklist for assessing plant health and a plant health management plan for how to respond to plant pests and diseases. |
| **Task 1** | Produce an illustrated checklist to be used for judging the health of different plants. This checklist can be used to determine the health of plants, and whether any health management strategies are needed to control or prevent pests and diseases.<br>Include in your checklist:<br>• details of methods used to monitor the health of plants<br>• an illustrated checklist of the health assessment of plants<br>• an account of ways in which ill-health in plants can be identified.<br>Produce a step-by-step plan of what to do once pests and diseases have been identified using:<br>• **two** different types of pests (one common, one uncommon)<br>• **two** different types of disease (one common, one uncommon)<br>In your health management plan include:<br>• factors that need to be taken into account to manage plant health<br>• appropriate strategies for control of the pests and diseases<br>• appropriate strategies for the prevention of the pests and diseases |
| **Checklist of evidence required** | Checklist<br>Management plan |

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| **Criteria covered by this task:** |



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| Unit/Criteria reference | To achieve the criteria you must show that you are able to: |
| B.D2 | Analyse the factors to consider for the management of plant health, justifying the selection of health management strategies for the control of pests and diseases. |
| B.M2 | Assess the factors to consider for the management of plant health, selecting appropriate strategies for their prevention and control. |
| B.P3 | Explain the factors to consider for the management of plant health. |
| B.P4 | Select health management strategies for prevention and control of pests and diseases of plants. |

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| **Sources of information to support you with this Assignment** | **Books**<br>Greenwood,P & Halstead, A, (2018) *RHS Pests and Diseases* DK Publishing, ISBN 978 0241315606<br>Lucus, G B (2013) *Introduction to plant diseases identification and management* 2nd edition, Springer publisher, ISBN 978 0412069611<br>Jackson, P (2014) *Organic Pest Control The Practical Guide: How to naturally protect your home, garden and food from pests and pesticides* (green thumb), Createspace independent publishing platform, ISBN 978 1501005404<br>**Journals/Magazines**<br>Garden News<br>Gardeners World<br>Farmers Weekly<br>**Websites**<br>rhs.org.uk<br>nfuonline.com |